



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Robert Rose
Unit A
#9 03/10/03

In re the Application of: **Sadahiko KONDO et al.**

Group Art Unit: 3723

Serial No.: 09/747,971

Examiner: **Robert Rose**

Filed: **December 27, 2000**

P.T.O. Confirmation No.: 3257

For: **WORK CHAMFERING APPARATUS AND WORK CHAMFERING METHOD**

AMENDMENT UNDER 37 C.F.R. §1.111

Commissioner for Patents
Washington, D.C. 20231

February 28, 2003

Sir:

In response to the Office Action dated October 29, 2002, the response due date having been extended to February 28, 2003 by a one-month Extension of Time, Applicants amend the above-identified application as follows:

IN THE SPECIFICATION:

Please amend the paragraph beginning on page 27, line 13, as follows:

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If the grinding stone rotating speed is slower than 2000 rpm (i.e. the circumferential speed of 125.6 m/min), and if the relative speed of the grinding stones 36a, 36b is not slower than 3 mm/sec, the grinding stones 36a, 36b exert large grinding load, resulting in an increased number of chippings in the work 85. If the relative speed of the grinding stones 36a, 36b is decreased, the chipping is eliminated but operation efficiency goes down to an extremely low level. On the other hand, if the grinding stone rotating speed is faster than 5000 rpm (i.e. the circumferential speed of 314 m/min), the coolant is not supplied to the grinding edge enough, and the number of chippings